IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME

Abstract of the Disclosure

An intravascular extracardiac pumping system for increasing perfusion through a renal artery to tissues of a patient without any component thereof being connected to the patient's heart is provided. The system includes means for pumping blood and a portion that houses the pumping means. The portion that houses the pumping means is configured to direct blood from a location upstream of the pumping means to a location within a renal artery. The pumping means and the portion that houses the pumping means are configured to be insertable into a non-primary vessel subcutaneously in an minimally-invasive procedure for positioning within the patient's vasculature.

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